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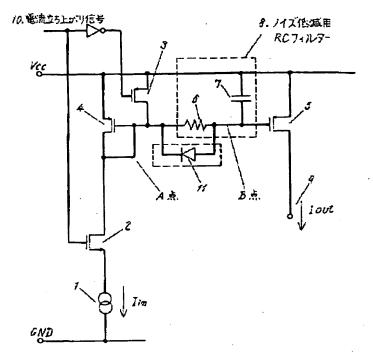
YAMAGUCHI KOJI;

INT.CL.

H03F 3/343

TITLE

**CURRENT MIRROR CIRCUIT** 



ABSTRACT: PROBLEM TO BE SOLVED: To make the output current of a current mirror circuit with an RC filter for noise reduction rise fast without lowering effect on the reduction of noise.

> SOLUTION: The current mirror circuit with the RC filter for noise reduction is characterized in that the output current of the current mirror circuit is made to rise fast without lowering the effect on the reduction of current noise by adding a diode transistor in parallel to a resistance of the RC filter for noise reduction.

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